

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074525.D
 Acq On : 16 Sep 2022 21:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 16 22:36:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/17/2022
 Supervised By : Mahesh Dadoda 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	240051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	458809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	421329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	196038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	210744	51.741	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.480%			
35) Dibromofluoromethane	7.951	113	161053	52.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.380	98	613269	52.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.060%			
62) 4-Bromofluorobenzene	12.674	95	216945	53.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	114489	43.823	ug/l	95
3) Chloromethane	2.263	50	240351	54.671	ug/l	99
4) Vinyl Chloride	2.404	62	296259	62.999	ug/l	97
5) Bromomethane	2.781	94	200293	80.764	ug/l	98
6) Chloroethane	2.951	64	206577	64.310	ug/l	100
7) Trichlorofluoromethane	3.310	101	253677	48.849	ug/l	97
8) Diethyl Ether	3.763	74	125242	47.292	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.128	101	157768	49.106	ug/l	90
10) Methyl Iodide	4.346	142	198479	52.368	ug/l	96
11) Tert butyl alcohol	5.293	59	327831	247.082	ug/l	100
12) 1,1-Dichloroethene	4.110	96	163996	51.798	ug/l	95
13) Acrolein	3.981	56	154774	319.428	ug/l	98
14) Allyl chloride	4.757	41	389054	51.535	ug/l #	93
15) Acrylonitrile	5.469	53	826065	277.126	ug/l	99
16) Acetone	4.216	43	701835	269.280	ug/l	98
17) Carbon Disulfide	4.451	76	401249	46.283	ug/l	96
18) Methyl Acetate	4.775	43	437434	54.036	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	698749	52.440	ug/l	99
20) Methylene Chloride	5.016	84	209109	52.550	ug/l #	82
21) trans-1,2-Dichloroethene	5.510	96	175123	50.426	ug/l	90
22) Diisopropyl ether	6.410	45	849779	56.057	ug/l #	95
23) Vinyl Acetate	6.345	43	3865941	289.141	ug/l #	90
24) 1,1-Dichloroethane	6.304	63	396410	52.314	ug/l	98
25) 2-Butanone	7.257	43	1269453	293.358	ug/l #	85
26) 2,2-Dichloropropane	7.245	77	276638	42.345	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	221266	49.780	ug/l	91
28) Bromochloromethane	7.581	49	124073	55.605	ug/l #	64
29) Tetrahydrofuran	7.604	42	839378	295.020	ug/l #	83
30) Chloroform	7.745	83	378370	54.100	ug/l	95
31) Cyclohexane	8.028	56	372007	51.456	ug/l #	80
32) 1,1,1-Trichloroethane	7.939	97	308061	50.222	ug/l	95
36) 1,1-Dichloropropene	8.151	75	268978	49.860	ug/l	97
37) Ethyl Acetate	7.334	43	471498	56.594	ug/l #	93
38) Carbon Tetrachloride	8.133	117	250063	50.205	ug/l	90
39) Methylcyclohexane	9.398	83	328105	51.148	ug/l	93
40) Benzene	8.386	78	900817	54.000	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	222300	55.191	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	307567	53.727	ug/l	99
43) Isopropyl Acetate	8.492	43	736057	56.403	ug/l #	90
44) Trichloroethene	9.151	130	178271	49.387	ug/l	82
45) 1,2-Dichloropropane	9.428	63	251446	54.846	ug/l	99
46) Dibromomethane	9.516	93	153818	53.570	ug/l #	81
47) Bromodichloromethane	9.698	83	304304	54.056	ug/l #	94
48) Methyl methacrylate	9.498	41	337357	58.301	ug/l	84
49) 1,4-Dioxane	9.504	88	122301	1099.349	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	2598757	304.951	ug/l	88
52) Toluene	10.445	92	543215	55.531	ug/l	97
53) t-1,3-Dichloropropene	10.657	75	355525	54.188	ug/l	94
54) cis-1,3-Dichloropropene	10.127	75	363857	51.823	ug/l #	85
55) 1,1,2-Trichloroethane	10.839	97	221371	53.425	ug/l	91
56) Ethyl methacrylate	10.704	69	419013	56.611	ug/l #	78
57) 1,3-Dichloropropane	10.986	76	402839	55.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	882221	270.837	ug/l #	88
59) 2-Hexanone	11.027	43	2006273	308.397	ug/l	87
60) Dibromochloromethane	11.180	129	219237	55.270	ug/l	100
61) 1,2-Dibromoethane	11.286	107	222791	55.347	ug/l	99
64) Tetrachloroethene	10.916	164	141208	48.836	ug/l	90
65) Chlorobenzene	11.710	112	544200	51.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	205565	53.490	ug/l	98
67) Ethyl Benzene	11.786	91	1053372	54.243	ug/l	95
68) m/p-Xylenes	11.892	106	782246	108.947	ug/l	96
69) o-Xylene	12.221	106	398779	54.473	ug/l	96
70) Styrene	12.239	104	653153	53.636	ug/l	99
71) Bromoform	12.404	173	156311	55.341	ug/l	99
73) Isopropylbenzene	12.521	105	1020239	50.827	ug/l	98
74) N-amyl acetate	12.333	43	677952	54.019	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.774	83	399157	49.622	ug/l	97
76) 1,2,3-Trichloropropane	12.821	75	309154m	51.234	ug/l	
77) Bromobenzene	12.804	156	206037	48.051	ug/l	70
78) n-propylbenzene	12.863	91	1226857	51.318	ug/l	95
79) 2-Chlorotoluene	12.951	91	707010	49.540	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	834227	50.983	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	132596	47.427	ug/l	94
82) 4-Chlorotoluene	13.045	91	688399	50.747	ug/l	96
83) tert-Butylbenzene	13.268	119	735220	49.371	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	852573	51.775	ug/l	97
85) sec-Butylbenzene	13.445	105	1089794	53.297	ug/l	96
86) p-Isopropyltoluene	13.563	119	842074	52.825	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	400026	50.768	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	396522	50.071	ug/l	98
89) n-Butylbenzene	13.886	91	754483	52.511	ug/l	95
90) Hexachloroethane	14.151	117	172113	49.623	ug/l	73
91) 1,2-Dichlorobenzene	13.927	146	396332	48.484	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	81368	45.809	ug/l	86
93) 1,2,4-Trichlorobenzene	15.198	180	195213	50.126	ug/l	98
94) Hexachlorobutadiene	15.304	225	79259	46.308	ug/l	99
95) Naphthalene	15.439	128	819317	48.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	194435	48.228	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

